Page 1 of 3

INTERMEDIATE AND DEPOT MAINTENANCE

DESCRIPTION AND PRINCIPLES OF OPERATION

PCU-63(V)1/P UNIVERSAL WATER ACTIVATED RELEASE SYSTEM (UWARS)

PART NO. 1814-017-01

List of Effective Work Package Pages							
Page No.	Chg. <u>No.</u>	Page <u>No.</u>	Chg. No.	Page No.	Chg. <u>No.</u>	Page No.	Chg. No.
1 thru 3	9						
			Referer	ice Material			
			trated Parts Brea				WP 029 03
			Alphab	etical Index			
Title			Alphab	etical Index			Pag

Record of Applicable Technical Directives

None

Change 9 - 1 April 2003

Page 2 of 3

1. DESCRIPTION.

2. GENERAL.

a. The Universal Water Activated Release System (UWARS), PCU-63(V)1/P is a battery operated, seawater activated electro-explosive device that automatically separates the main canopy from the aircrew upon immersion in seawater. UWARS provides a backup automatic mode of separating the main canopy from the aircrew. The primary mode of separating the main canopy from the aircrew is by manually releasing the two canopy release fittings located at the shoulder. Automatic mode is intended for disabled aircrew or when there is insufficient time to release the two canopy release fittings. UWARS system operates within 2.0 seconds when immersed in seawater (20,000 micromhos or greater conductivity). UWARS system operates only when immersed in seawater and will not operate when immersed or exposed to fresh water, rain, humidity or salt fog. The system has a Built-In-Test (BIT) GO/NO-GO indicator. The BIT tests for battery condition and circuit continuity including the electro-explosive device. When the BIT button is pressed, it will indicate a GO condition by emitting a single flash of the green LED. Anything but a single flash is a NO-GO indication (Figure 1).

3. CONFIGURATION.

a. The UWARS has only one configuration for the Navy and is shown in (Figure 1). The UWARS dimensions are 2.34-in. wide by 2.22-in. high by .740-in. thick. The weight of the unit is 0.24 lbs. maximum. Installed UWARS system uses two identical UWARS units, one on each parachute riser. Refer to the Illustrated Parts Breakdown WP 029 03 for the exact configuration requirements.

4. SUBASSEMBLY CONFIGURATION.

a. The sub-assemblies listed below make up the Universal Water Activated Release System. Refer to the Illustrated Parts Breakdown WP 029 03 for the exact configuration requirements.

Battery

UWARS, PCU-63(V)1/P

Cover/EMI Gasket Assembly

Set Screw

5. PRINCIPLES OF OPERATION.

6. MANUAL OPERATION.

a. Upon landing the aircrew disengages the parachute assembly from the PCU-56/P parachute restraint harness by activating the canopy release assembly.

7. AUTOMATIC OPERATION.

- a. Within two seconds after the aircrew enters the seawater and immersing the UWARS the following process takes place:
- (1) The two sensing contacts, located on the sides of the UWARS units are connected through the seawater to close the circuit and allow the batteries to charge the firing capacitor. When the capacitor is fully charged, a switch is triggered, and the charged energy is released to fire the semiconductor bridge (SCB) initiator. The output gas of the initiator is directed through internal porting of the UWARS body to the spring loaded retractable pins attached to the 2 canopy release fittings located at the shoulder. The pins are then retracted and locked into the body, allowing the canopy release fittings to separate from UWARS unit.

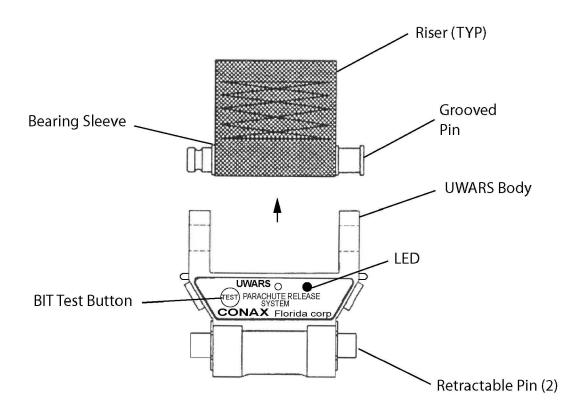
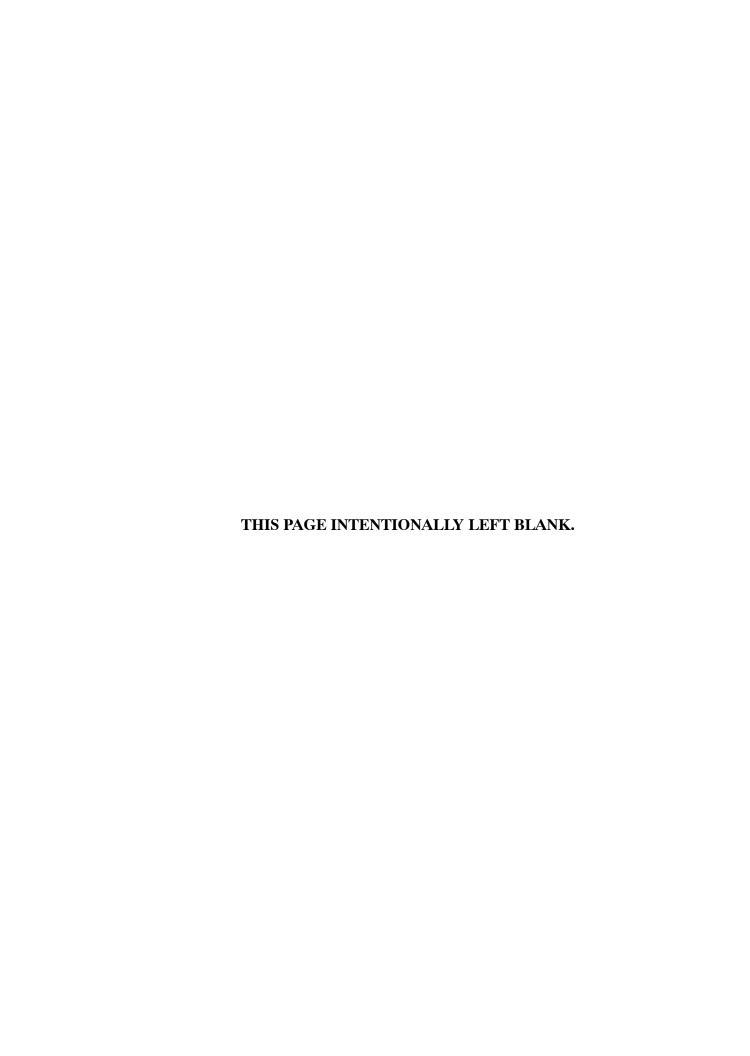


Figure 1. PCU-63(V)1/P Universal Water Activated Release System (UWARS)



ORGANIZATIONAL MAINTENANCE

INSPECTION AND REPAIR PROCEDURES

PCU-63(V)1/P UNIVERSAL WATER ACTIVATED RELEASE SYSTEM (UWARS)

PART NO. 1814-017-01

List of Effective Work Package Pages Page Chg. Page Page Chg. Chg. Chg. Page No. No. No. No. No. No. No. No. 2 thru 4 9 5 11 1 11 **Reference Material** Intermediate and Depot Maintenance, Illustrated Parts Breakdown, PCU-63(V)1/P Universal Water **Alphabetical Index** Title **Page** 2 General . . . Inspection of UWARS Assembly 2 Installation of UWARS 2 Removal of UWARS Repair of UWARS PCU-63(V)1/P 4 Replacement of Battery 4 5 Inspection of Cover/EMI Gasket Assembly

Record of Applicable Technical Directives

None

1. GENERAL.

- a. This Work Package (WP) provides instructions for the maintenance and replacement of components for the Universal Water Activated Release System (UWARS) PCU-63(V)1/P. All maintenance actions shall be documented on the Parachute Record (OPNAV 4790/101).
- b. When performing the repairs detailed in this WP, follow these guidelines.
- (1) Review and follow applicable instructions in this WP prior to starting repairs.
- (2) Ensure all necessary support equipment and required materials are available.
- (3) All work shall be carefully inspected and compared to applicable instructions for completion of work to ensure conformity.
- (4) Quality Assurance (QA) points are provide for critcal operations. When a procedural step is followed by "(QA)" there is a quality assurance requirement. Verifying completion of QA steps may be delayed by QA, if their satisfactory completion is verified in a later step. In no case shall the packer perform or helper perform quality assurance inspection.

2. INSPECTION OF UWARS ASSEMBLY.

a. Check exterior of UWARS, including water sensors for cracks, contamination and corrosion (Figure 1).

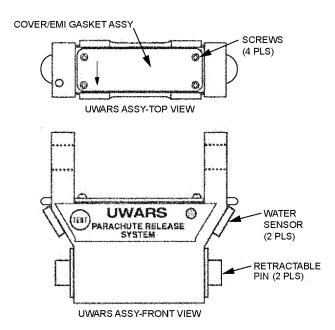


Figure 1. Inspection Locations

- b. Visually inspect for broken torque seal on four screw heads securing the cover/EMI gasket assembly to the UWARS body (Figure 1).
- c. Check the retractable pins for freedom of movement.
- (1) Press the pins (one at a time) into the UWARS body. Pins should move freely and spring back with no binding.

3. REMOVAL OF UWARS.

Support Equipment Required

Part Number	Nomenclature
_	Wooden, Dowel
_	Screwdriver, Flat Tip

Change 9 - 1 April 2003

NOTE

If UWARS are being removed from service, discard batteries. Replacement UWARS come with batteries.

4. INSTALLATION OF UWARS.

Support Equipment Required

Part Number Nomenclature

Screwdriver, Flat Tip

Materials Required

Part Number Nomenclature

F-900 Torque Seal (Color Optional) Sealing Compound

122-10935-3 Set Screw

WARNING

UWARS is an explosive item classified as 1.4S. The following procedures shall not be performed in the aircraft or radiation hazardous area.

NOTE

Installation procedures for both the right and left hand UWARS units are the same.

- a. Excessive BIT checks may degrade battery life.
- (1) Press the TEST button. The BIT LED will flash a single time within 2 seconds, to indicate the unit is operating properly.
- (2) If the BIT LED does not flash, ensure the batteries are installed properly. Repeat the test after 30 seconds to ensure the system is operational.
- (3) If the BIT results in anything other than a single flash, after checking the installation of the batteries, the unit must be replaced (Figure 3).



UWARS is an explosive item classified as 1.4S. The following procedures shall not be performed in the aircraft or radiation hazardous area.

a. Using a wooden dowel, depress the retractable pins securing the canopy release assembly to the UWARS (Figure 2).

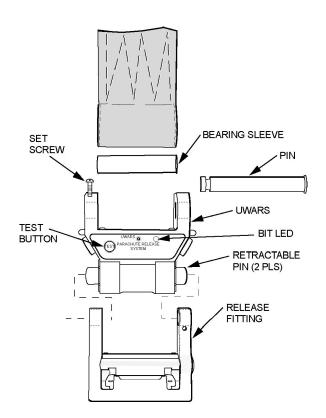


Figure 2. UWARS Removal

b. Using flat tip screwdriver loosen and remove the set screw securing the riser pin in the UWARS body. Discard set screw (Figure 2).

- c. Remove the riser pin from UWARS.
- d. Remove UWARS unit from the riser.

Change 9 - 1 April 2003

Page 4 of 6

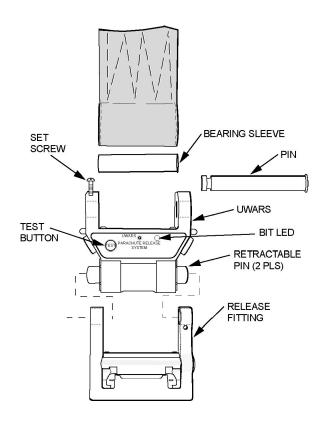


Figure 3. UWARS Installation

NOTE

Install the UWARS unit with the TEST button and BIT LED facing out.

- b. Insert and align riser webbing between UWARS lobes (Figure 3).
- c. Insert riser pin through lobe of UWARS body and riser sleeve ensuring the grooved end of the riser pin aligns with the setscrew hole (Figure 3).



Do not reuse set screw once they have been fully installed. Do not screw the new set screw into UWARS body before installation.

d. Insert and tighten new set screw using flat tip screwdriver. Ensure set screw is seated in the groove on the riser pin.

- e. Apply sealing compound to side of set screw head and surface. (QA)
- f. Depress spring-loaded UWARS retractable pins and slide UWARS body between lobes on canopy release assembly. Retractable pins should move freely and should spring back with no binding. Retractable pins should be near flush with the outer surface of the canopy release fitting when properly connected (Figure 3).

5. REPAIR OF UWARS PCU-63(V)1/P.

a. UWARS repair consists of replacement of the batteries, cover/EMI gasket, screws and set screw, or the entire unit.



The following removal and installation procedures shall not be performed in the aircraft or in a radiation hazardous area.

6. REPLACEMENT OF BATTERY.

7. REMOVAL OF BATTERY.

Support Equipment Required

Part Number Nomenclature

491 Screwdriver, Phillips, #1 point

— Screwdriver, Flat Tip



Avoid metallic contact with the water sensors during battery replacement. Contact with water sensors could complete the firing circuit and cause the unit to fire.

NOTE

All four batteries must be replaced at one time.

Handling, storage and disposal of lithium batteries shall be in accordance with federal, state and local regulation. Disposal procedures vary by state, therefore, contact your local installation environmental officer as required.

a. For removing UWARS, refer to Paragraph 3.

Change 11 - 1 July 2004

Page 5 of 6

NOTE

The cover/EMI gasket shall only be used once and must be replaced at each battery replacement.

b. Using #1 Phillips screwdriver remove four screws securing the cover/EMI gasket assembly. Retain four screws. Discard cover/EMI gasket assembly.



Do not use a metallic tool to remove the batteries. Contact with metal could complete the firing circuit and cause the unit to inadvertently fire.

c. Remove the batteries from the UWARS body by striking the opened unit against the palm of the hand or padded surface. Use a plastic or wooden tool, if required.

8. INSPECTION OF COVER/EMI GASKET ASSEMBLY.

a. Check replacement cover/EMI gasket assembly for ripped, torn or missing gasket.

NOTE

The cover/EMI gasket assembly is manufactured with a slight curvature and shall not be cause for rejection.

9. INSTALLATION OF BATTERY.

Support Equipment Required

Part Number Nomenclature
491 Screwdriver, Phillips, #1 point

— Screwdriver, Flat Tip

TQS6 Torque Wrench, 0-50 in-lbs.

- or -Equivalent

Materials Required

Part Number Nomenclature

F-900 Torque Seal (Color Optional) Sealing Compound

a. Insert new batteries into battery cavity using the following procedure (Figure 4).

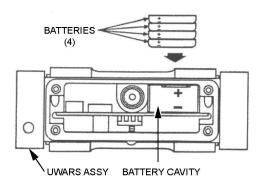


Figure 4. Battery Installation

CAUTION

Installing the batteries improperly could result in damage to the batteries. Batteries should be straight up during installation. The negative side of the battery faces the front of the UWARS body (side with TEST button).

- (1) Insert two batteries in the battery cavity ensuring they are properly configured.
- (2) Insert the last two batteries into battery cavity ensuring they are properly configured.
 - (3) Gently push the batteries securely in place.
- b. After the batteries have been replaced, a BIT must be performed to ensure batteries are properly installed and the UWARS unit is operating properly. Perform BIT by using the following procedure. (QA)

NOTE

Excessive BIT checks may degrade battery life.

- (1) Press the TEST button. The BIT LED will flash a single time within 2 seconds, to indicate the UWARS unit is operating properly.
- (2) If the BIT LED does not flash ensure the batteries are installed properly. Repeat the BIT after 30 seconds to ensure the system is operational.
- (3) If the BIT results in anything other than a single flash, after checking the installation of the batteries, the UWARS unit must be replaced.

Page 6 of 6

WARNING

Ensure proper alignment when replacing the cover/EMI gasket assembly. The arrow on the cover/EMI gasket assembly should point to the front of the UWARS unit. Failure to align the cover/EMI gasket assembly properly will result in UWARS unit failure.

c. Position the replacement cover/EMI gasket assembly over UWARS cavity with arrow on cover pointing to the front of the UWARS unit (Figure 5).

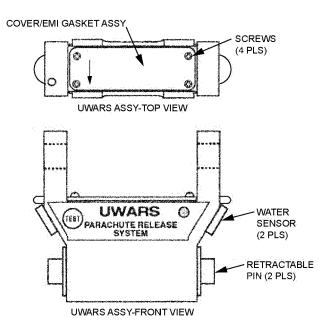


Figure 5. Cover/EMI Gasket Assembly

- d. Secure cover/EMI gasket assembly in place with (retained) four screws.
- e. Torque four screws to 4 ± 1 in-lbs. Using a #1 Phillips screwdriver bit. (QA)
- f. Apply sealing compound to sides of four screw heads and cover surface. (QA)
- g. Insert and align riser webbing between UWARS lobes (Figure 3).
- h. Insert riser pin through lobe of UWARS body and riser loop ensuring the grooved end of the riser pin aligns with the set screw hole (Figure 3).



Do not reuse set screw once they have been fully installed. Do not screw the new set screw into UWARS body before installation.

- i. Insert and tighten new set screw using flat tip screwdriver. Ensure set screw is seated in the groove on the riser pin.
- j. Apply sealing compound to side of set screw head and surface. (QA)
- k. Depress spring-loaded UWARS retractable pins and slide UWARS body between lobes on canopy release assembly. Retractable pins should move freely and should spring back with no binding. Retractable pins should be near flush with the outer surface of the canopy release fitting when properly connected (Figure 3).

INTERMEDIATE AND DEPOT MAINTENANCE

MAINTENANCE PROCEDURES

PCU-63(V)1/P UNIVERSAL WATER ACTIVATED RELEASE SYSTEM (UWARS)

PART NO. 1814-017-01

List of Effective Work Package Pages Page Page Page Chg. Chg. Chg. Chg. Page No. No. No. No. No. No. No. No. 1 thru 2 10 3 thru 7 9 Reference Material Cartridge Activated Devices (CADS) and Propellant Actuated Devices (PADS) (IETM) NAVAIR 11-100-1.1 Intermediate and Depot Maintenance, Illustrated Parts Breakdown, PCU-63(V)1/P Universal Water Activated Release System (UWARS) WP 029 03 Organizational, Intermediate and Depot Maintenance, Parachute Loft Requirements/Administration WP 003 00

Alphabetical Index

<u>Title</u>
General
Inspection
Inspection of UWARS Assembly
Installation of UWARS
Service Life Check and Configuration
Removal of UWARS
Repair of UWARS PCU-63(V)1/P
Replacement of Battery
Inspection of Cover/EMI Gasket Assembly
Installation of Battery
Removal of Battery

Record of Applicable Technical Directives

None

029 02

Change 10 - 1 December 2003

Page 2 of 7

1. GENERAL.

- a. This Work Package (WP) provides instructions for the maintenance and replacement of components for the Universal Water Activated Release System (UWARS) PCU-63(V)1/P. All maintenance actions shall be documented on the Parachute Record (OPNAV 4790/101).
- b. When performing the repairs detailed in this WP follow these guidelines.
- (1) Review and follow applicable instructions in this WP prior to starting repairs.
- (2) Ensure all necessary support equipment and materials required are available.
- (3) All work shall be carefully inspected and compared to applicable instructions for completion of work to ensure conformity.
- (4) Quality Assurance (QA) points are provided for critical operations. When a procedural step is followed by "(QA)" there is a quality assurance requirement. Verifying completion of QA steps may be delayed by QA, if their satisfactory completion is verified in a later step. In no case shall the packer or helper perform quality assurance inspection.

2. INSPECTION.

a. Scheduled replacement of the Universal Water Activated Release System (UWARS) PCU-63(V)1/P is 1792 days determined from cartridge life.

3. SERVICE LIFE CHECK AND CONFIGURATION UPDATING.

a. When the unit reaches the total life limit, it shall be returned to supply for proper disposition.

b. Service/shelf life is determined by the date of manufacturer. Date of manufacture is located on the manufacturer's identification plate. See below for lot numbering system (Figure 1).

Lot Number Example: CAX 01 B 001 - 001

CAX - Manufacturer Identification

- **01** Two digit numeric code identifying year of production
- **B** A single alpha code-signifying month of production
- 001 Lot interfix number
- 001 Lot sequence number

Code for Month of Manufacture

Based on the information above, the Date of Manufacture is: Feb 2001

Figure 1. Determining Date of Manufacture

The UWARS unit is driven by the cartridge that is potted into the UWARS unit. This cartridge is non-removal.

Nomenclature	Service Life	Total Life
UWARS PCU-63(V)1/P SS35	Refer to NAVAII	R 11-100-1.1

c. Compare configuration of UWARS PCU-63(V)1/P to that shown in NAVAIR 13-1-6.2 Illustrated Parts Breakdown (IPB).

Change 9 - 1 April 2003 Page 3 of 7

4. INSPECTION OF UWARS ASSEMBLY.

a. Check exterior of UWARS, including water sensors for cracks, contamination and corrosion (Figure 2).

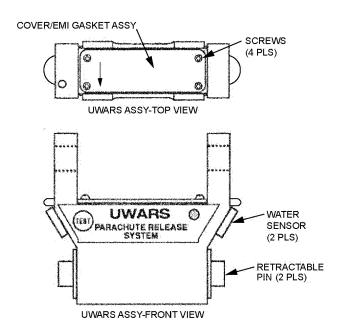


Figure 2. Inspection Locations

- b. Visually inspect for broken sealing compound on four screws heads securing the cover/EMI gasket assembly to the UWARS body (Figure 2).
- c. Check the retractable pins for freedom of movement.
- (1) Press the pins (one at a time) into the UWARS body. Pins should move freely and spring back with no binding.

5. REMOVAL OF UWARS.

Support Equipment Required

Part Number Nomenclature

-- Wooden, Dowel

-- Screwdriver, Flat Tip



UWARS is an explosive item classified as 1.4S. The following procedures shall not be performed in the aircraft or radiation hazardous area.

a. Using a wooden dowel, depress the retractable pins securing the canopy release assembly to the UWARS (Figure 3).

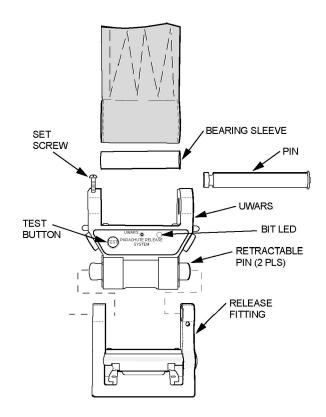


Figure 3. UWARS Removal

- b. Using flat tip screwdriver loosen and remove the set screw securing the riser pin in the UWARS body. Discard set screw (Figure 3).
- c. Remove the riser pin from UWARS.
- d. Remove UWARS unit from the riser.

NOTE

If UWARS are being removed from service, discard batteries. Replacement UWARS include batteries.

Page 4 of 7

Change 9 - 1 April 2003

6. INSTALLATION OF UWARS.

Support Equipment Required

Part Number Nomenclature

Screwdriver, Flat Tip

Materials Required

Part Number Nomenclature

F-900 Torque Seal (Color Optional) Sealing Compound

122-10935-3 Set Screw

WARNING

UWARS is an explosive item classified as 1.4S. The following procedures shall not be performed in the aircraft or radiation hazardous area.

NOTE

Installation procedures for both the right and left hand UWARS units are the same.

- a. Excessive BIT checks may degrade battery life.
- (1) Press the TEST button. The BIT LED will flash a single time within 2 seconds, to indicate the unit is operating properly.
- (2) If the BIT LED does not flash, ensure the batteries are installed properly. Repeat the test after 30 seconds to ensure the system is operational.
- (3) If the BIT results in anything other than a single flash, after checking the installation of the batteries, the unit must be replaced (Figure 4).

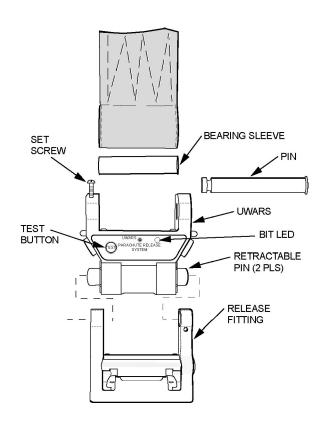


Figure 4. UWARS Installation

NOTE

Install the UWARS unit with the TEST button and BIT LED facing out.

- b. Insert and align riser webbing between UWARS lobes (Figure 4).
- c. Insert riser pin through lobe of UWARS body and riser sleeve ensuring the grooved end of the riser pin aligns with the set screw hole (Figure 4).

WARNING

Do not reuse set screw once they have been fully installed. Do not screw the new set screw into UWARS body before installation.

d. Insert and tighten new set screw using flat tip screwdriver. Ensure set screw is seated in the groove on the riser pin.

029 02

Page 5 of 7

e. Apply sealing compound to side of set screw head and surface. (QA)

f. Depress spring-loaded UWARS retractable pins and slide UWARS body between lobes on canopy release assembly. Retractable pins should move freely and should spring back with no binding. Retractable pins should be near flush with the outer surface of the canopy release fitting when properly connected (Figure 4).

7. REPAIR OF UWARS PCU-63(V)1/P.

a. UWARS repair consists of replacement of the batteries, cover/EMI gasket, screws and set screw, or the entire unit.

WARNING

The following removal and installation procedures shall not be performed in the aircraft or in a radiation hazardous area.

8. REPLACEMENT OF BATTERY.

9. REMOVAL OF BATTERY.

Support Equipment Required

Part Number Nomenclature
491 Screwdriver, Phillips, #1 point
— Screwdriver, Flat Tip



Avoid metallic contact with the water sensors during battery replacement. Contact with water sensors could complete the firing circuit and cause the unit to fire.

NOTE

All four batteries must be replaced at one time.

Handling, storage and disposal of lithium batteries shall be in accordance with federal, state and local regulation. Disposal procedures vary by state, therefore, contact your local installation environmental officer as required.

a. For removing UWARS, refer to Paragraph 5.

b. Using #1 Phillips screwdriver remove four screws securing the cover/EMI gasket assembly. Retain four screws. Discard cover/EMI gasket assembly.



Do not use a metallic tool to remove the batteries. Contact with metal could complete the firing circuit and cause the unit to inadvertently fire.

c. Remove the batteries from the UWARS body by striking the opened unit against the palm of the hand or padded surface. Use a plastic or wooden tool, if required.

10. INSPECTION OF COVER/EMI GASKET ASSEMBLY.

a. Check cover/EMI gasket assembly for ripped, torn or gasket missing.

NOTE

The cover/EMI gasket assembly is manufactured with a slight curvature and shall not be cause for rejection.

11. INSTALLATION OF BATTERY.

Support Equipment Required

Part Number Nomenclature

491 Screwdriver, Phillips, #1 point

— Screwdriver, Flat Tip

TQS6 Torque Wrench, 0-50 in-lbs.
- or Equivalent

Materials Required

Part Number Nomenclature

F-900 Torque Seal (Color Optional) Sealing Compound

Page 6 of 7

a. Insert new batteries into battery cavity using the following procedure (Figure 5).

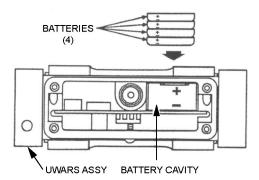


Figure 5. Battery Installation



Installing the batteries improperly could result in damage to the batteries. Batteries should be straight up during installation. The negative side of the battery faces the front of the UWARS body (side with TEST button).

- (1) Insert two batteries in the battery cavity ensuring they are properly configured.
- (2) Insert the last two batteries into battery cavity ensuring they are properly configured.
 - (3) Gently push the batteries securely in place.
- b. After the batteries have been replaced, a BIT must be performed to ensure batteries are properly installed and the UWARS unit is operating properly. Perform BIT by using the following procedure. (QA)

NOTE

Excessive BIT checks may degrade battery life.

- (1) Press the TEST button. The BIT LED will flash a single time within 2 seconds, to indicate the UWARS unit is operating properly.
- (2) If the BIT LED does not flash ensure the batteries are installed properly. Repeat the BIT after 30 seconds to ensure the system is operational.

(3) If the BIT results in anything other than a single flash, after checking the installation of the batteries, the UWARS unit must be replaced.



Ensure proper alignment when replacing the cover/EMI gasket assembly. The arrow on the cover/EMI gasket assembly should point to the front of the UWARS unit. Failure to align the cover/EMI gasket assembly properly will result in UWARS unit failure.

- c. Position the replacement cover/EMI gasket assembly over UWARS cavity with arrow on cover pointing to the front of the UWARS unit (Figure 6).
- d. Secure cover/EMI gasket assembly in place with (retained) four screws.

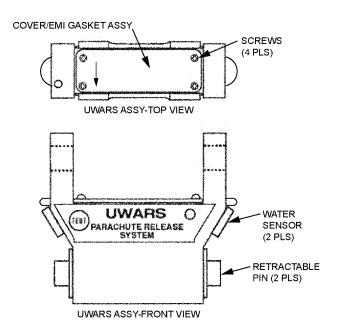


Figure 6. Cover/EMI Gasket Assembly

- e. Torque four screws to 4 \pm 1 in-lbs. using a #1 Phillips screwdriver bit. (QA)
- f. Apply sealing compound to sides of four screw heads and cover surface. (QA)
- g. Insert and align riser webbing between UWARS lobes (Figure 4).

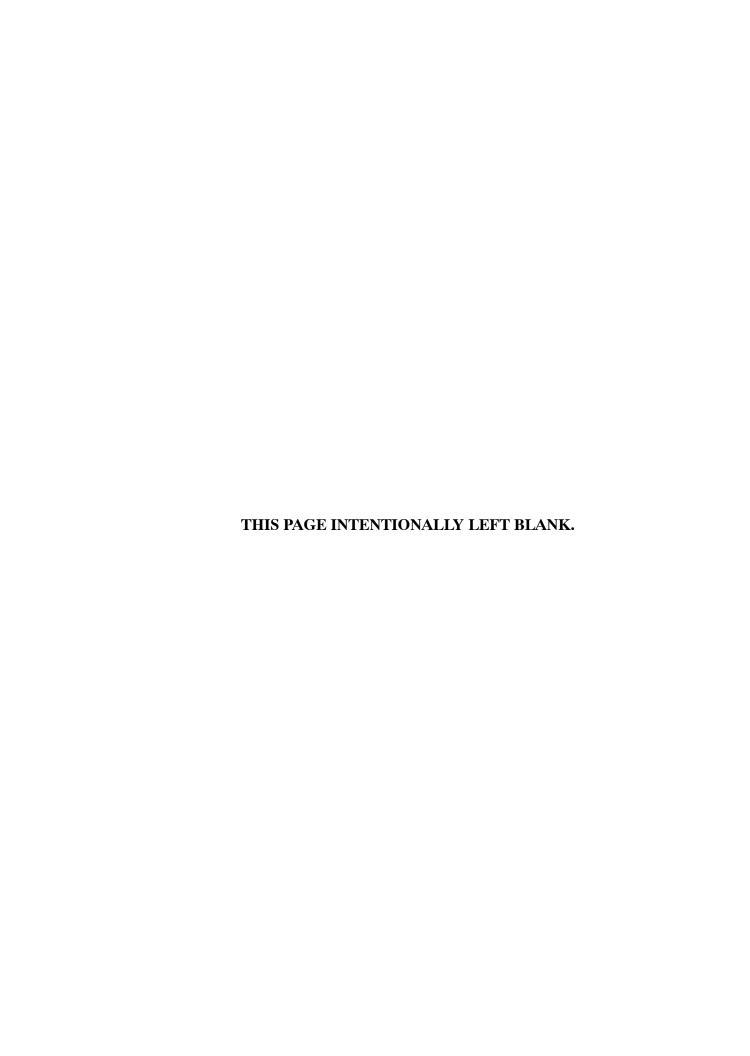
Change 9 - 1 April 2003 Page 7 of 7

h. Insert riser pin through lobe of UWARS body and bearing sleeve ensuring the grooved end of the riser pin aligns with the set screw hole (Figure 4).

WARNING

Do not reuse set screw once they have been fully installed. Do not screw the new set screw into UWARS body before installation.

- i. Insert and tighten new set screw using flat tip screwdriver. Ensure set screw is seated in the groove on the riser pin.
- j. Apply sealing compound to side of set screw head and surface. (QA)
- k. Depress spring-loaded UWARS retractable pins and slide UWARS body between lobes on canopy release assembly. Retractable pins should move freely and should spring back with no binding. Retractable pins should be near flush with the outer surface of the canopy release fitting when properly connected (Figure 4).



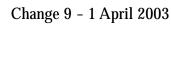
INTERMEDIATE AND DEPOT MAINTENANCE

ILLUSTRATED PARTS BREAKDOWN

PCU-63(V)1/P UNIVERSAL WATER ACTIVATED RELEASE SYSTEM (UWARS)

PART NO. 1814-017-01

-						
		List of Effective	e Work Packag	e Pages		
Page No.	Chg. No.	Page Chg. No. No.	Page No.	Chg. <u>No.</u>	Page <u>No.</u>	Chg. No.
1	10	2 thru 3 9				
		Refer	ence Material			
		aintenance, Maintenance Proce n (UWARS)				WP 029 02
		Alpha	nbetical Index			
<u>Title</u>						Page
Service/Total	Life					1
		Lis	t of Figures			
<u>Title</u>						<u>Page</u>
PCU-63(V)1/	P Universal V	Water Activated Release Syster	n (UWARS)			2
		Record of Applic	able Technical	Directives		
			None			
1. INTROD	UCTION.		b. The	following usable	e on codes appl	ly to this WP:
ordering and	didentifying	(WP) contains information for parts for the Universal Water (UWARS) PCU-63(V)1/	er A - E-2	2C		
2. USABLE	ON CODE	<u>S.</u>	3. SERV	ICE/TOTAL L	IFE.	
	for the Univ	in this WP refer to the aircra versal Water Activated Releas 33(V)1/P.			e information i	s contained in



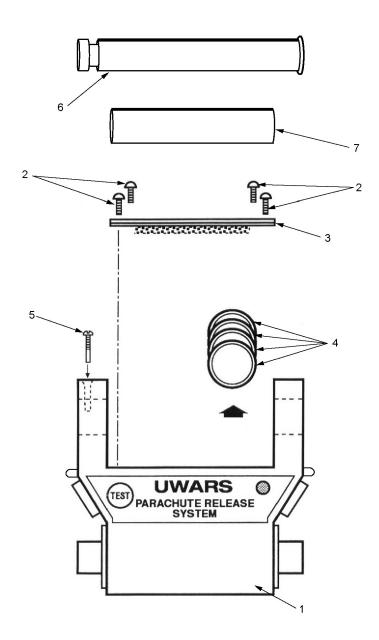


Figure 1. PCU-63(V)1/P Universal Water Activated Release System (UWARS) (Sheet 1 of 2)

Page 3 of 3

INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE	SM&R CODE
1 2 3 4 5	1814-017-01 MS51957-3 1140-035-01 9554675-01 122-10935-3 112-10998-5	PCU-63(V)1/P UWARS RELEASE SCREW COVER/EMI GASKET ASSEMBLY BATTERY SETSCREW PIN, GROOVED	4 1 4 1	A	PAGZZ PAGZZ PAGZZ PAGZZ PAOZZ PAOGG
7	113-11235-1	. SLEEVE, BEARING	1		PAOGG

Figure 1. PCU-63(V)1/P Universal Water Activated Release System (UWARS) (Sheet 2 of 2)

